

AN OPPORTUNE DISCOVERY.

After the soundings were completed, I accompanied Mr. Sicksels while he made an examination of the bed of the Galisteo River throughout its whole course across the property to see if any better place for the dam could be found. About half a mile from the point where the river enters the property a most singular feature in the geological formation of the country was found. A dike of trap-rock has been thrown up in an almost perpendicular position and extending entirely across the valley of the Galisteo. It looks like a wall built of huge stones set on end. At the point where the river breaks through it, a dike the gateway is about 100 feet wide and 25 feet deep in the middle and for subsequent soundings through the gravel bed on either side the remains of the rock stand up like the abutments of an old dam that has been swept away in some great flood. This dike forms a natural dam all the way across the valley, and stops the water that percolates through the soil and conducts it to the opening, which is the only point at which it can escape. It is evident from the fact that, although little or no water runs on

for them. Edward Clarence Metcalf, of Brunswick, Me. after being graduated at Bowdoin College, engaged in practical engineering under Colonel Waring, of Newport, R. I. When Memphis asked Colonel Waring to construct a system of sewerage for the cleansing of the city, he sent young Metcalf to oversee the execution of the plan. He went to Memphis in November and worked there until June, having the responsibility of the entire work. Nearly all the engineers associated with Metcalf suffered with malaria fever, and he was weakened by it. One day he complained of the work, when he started to go home, he was attacked again and lived only a few days. He was a young man of unusual promise, of exceptional character and of great energy. He was never known to flinch from his duty. Though he died at the age of twenty-three, he lived to do a greater amount of good than the lot of many men who grow gray in faintest service.

garnet ostrich feathers; the straws were of striped plush lined with satin of the same shade. A flaring hat of black velvet was trimmed with folds and knots of soft black silk and drooping ostrich plumes. Muen Joo and her companion dressed in gowns that were made with one round train draped with the two materials; the collar and upper part of this bodice were of brocade, the lower part of the skirt of plush. Muen Joo had a perfectly plain skirt of striped plush, while the plain coat blouse was of plush, and was cut straight from the waist to the hem. The trimmings of blue metal on which rested an enamel shell. A waist dress of plum-colored velvet was trimmed with seals and a long train extended caught in a band of blue embroidery finished the edge of the blouse and formed the trimming on the sleeves. A freckled, dark-haired girl, with a pair of eyes that sparkled with light, and with her hair parted in the center, and the crown of her head encased in a net, came forward. The cloak department showed many elegant garments in the latest shade and materials, the favorite being a black and white striped plush. The cloaks were wraps and mantles. The linings, these accessories, were of plush with plain and striped, colored and black.

workmen in the north end of the railroad tunnel and the Point struck a spring of water which interfered with the work.

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